

SITE NUMBER: ED-115L-02
LOCAL NAME: Little Thunder Springs
WRIA: 20.0115B

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/23/92 **OBSERVER:** Young

CHANNEL TYPE: Terrace tributary (wall-based)

TRIBUTARY TO: Thunder Creek (20.0115)

SITE LOCATION: L.B. @ River Mile: 0.7 (field measurement)

LEGAL DESCRIPTION: SE1/4 S14 T29N R14W

UPPER END LOWER END THUNDER CREEK

WATER TEMP: 10° C 10° C 9.5° C

FLOW (CFS): Seeps 5 to 10 gal/min

SUBSTRATE TYPE: Mostly silt with some gravel at the lower end.

SITE SIZE: **Length-** 80 to 100 m
 Width- Water surface = 30 - 60 cm (pond = 5 to 10 m)
 Channel = 30 - 60 cm
 Depth- 5 - 10 cm (Max = 20 - 30 cm)

WATER SOURCE: Small, wall-based springs.

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto the D-2000. Go west on the D-2000 about 5.0 miles to the D-2400 (just past the E.F. Dickey bridge). Turn right onto the D-2400 and drive 0.8 mi. to the Thunder Creek bridge. ED-115L-02 is located on the left bank about 90 to 100 m down-stream of the bridge.

FISH ACCESS AND CURRENT USE: The small amount of rearing habitat available in ED-115L-02 should be accessible of occasion and probably receives a limited amount of use.

FLOODING POTENTIAL: Moderate to low.

LANDOWNER: Unknown at this time (probably DNR).

COMMENTS & RECOMMENDATIONS: ED-115L-02 is a short, spring-fed, wall-based, terrace tributary. It originates along the toe of a steep, 10 m high, terrace wall and runs along the back edge of a small, grassy flat on the right bank of Thunder Cr. A small beaver dam creates a shallow, 50 m long by 10 m wide pond on the flat. Water flows to the creek from both ends of this pond, with the majority flowing out the lower egress. The Thunder Creek channel is somewhat braided along this reach with water from ED-115L-02 flowing into a major side-channel.

It may be feasible to improve the habitat by deepening the channel along the toe of the hill. It might also be possible to increase the attraction flow by connecting ED-115L-02 to the lower end of a steep, right bank trib that flows out of the west "twin valley" (see ED-115L-01). This trib enters the creek just a few meters downstream of ED-115L-02. Monitor this area during a freshet to determine the extent of flooding.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: E. F. Dickey

Channel No.: ED-115L-02

Site Name: Little Thunder Springs

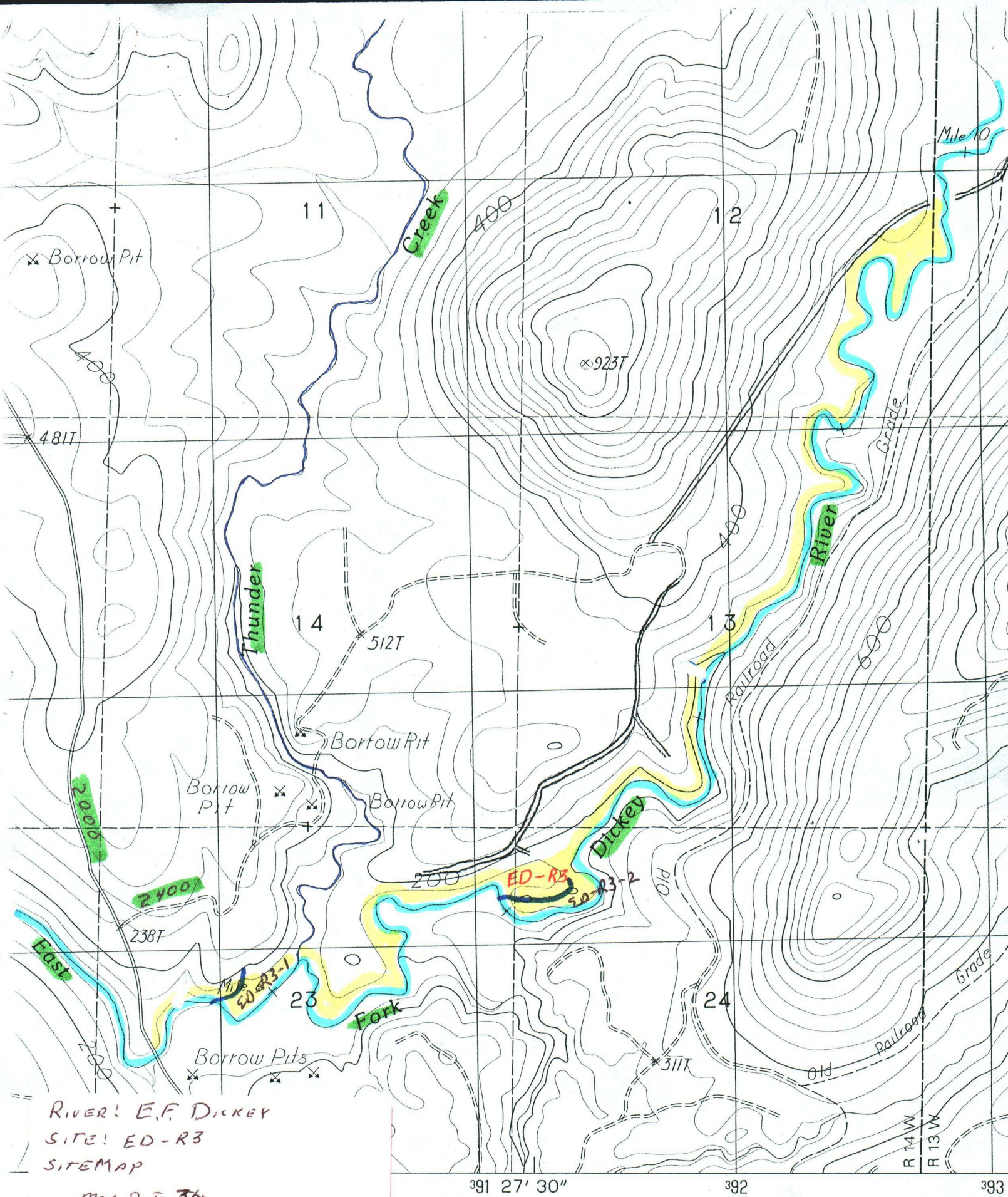
WRIA: 20.0115B

DATE: 9/16/92

OBSERVER: Young

Despite a much drier than normal summer, the springs along the toe of the hill are still seeping and the beaver pond still contains water. It appears likely that during a normal summer, the small beaver pond in ED-115L-02 will remain watered year round.

Wetland plant species identified along this channel include, slough sedge, cattails and rushes. Other plant species found in the flat adjacent to the beaver pond include thistles, foxglove, horsetail, fireweed, salmonberry, huckleberry, vine maple and swordfern.



RIVER! E.F. Dickey
SITE! ED-R3
SITEMAP

Map Date 3/11

ECOLOGICAL SURVEY
..... USGS, NOS/NOAA
..... 1977 AND 1978
..... 1984
..... CONFORMAL CONIC
..... ZONE 10
..... NORTH ZONE

NORTH

391 27' 30"

392

393

SCALE 1:24 000

